Index of Claims

Rejected

**Allowed** 

| Application/Control N | 0. |
|-----------------------|----|
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Applicant(s)/Patent under Reexamination

KOCHEISEN ET AL.

09/901,950

Examiner

Art Unit 2153

Aaron Strange

(Through numeral) Cancelled

Non-Elected N

**Appeal** Α

Restricted

Interference

0 Objected

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|----------|----------------|--|--|--------------|----------|--------------|---------------|--------------|--------------|-------------------------------------|
| Cla      | im             | T  |  |              |          | Date         |               | _            |              |                                     |
|          |                | <del>                                     </del> |  |              |          | -3(6         | $\overline{}$ | _            |              | $\Box$                              |
| Final    | Original       | 6/18/06  |  |              |          |              |               |              |              |                                     |
|          |                |  |  |              |          |              |               |              |              |                                     |
|          | <del></del>    | R  |  | _            | _        | _            |               | _            | _            | _                                   |
|          | 1<br>2<br>3    | R  | _  | -            |          | -            |               |              |              | -                                   |
|          | 3              |  |  |              |          |              | -             |              |              |                                     |
|          | <u>4</u><br>5  | R  | _  | $\vdash$     | _        | -            | _             | _            | _            |                                     |
|          | 0              |  | $\vdash$   | -            | _        | -            | $\vdash$      | _            | -            |                                     |
|          | 6              | _  | $\vdash$   | Н            |          |              |               |              |              |                                     |
|          | 7              | R  |  |              |          | _            |               | _            |              |                                     |
|          | 8              | R  |  |              |          |              |               | _            |              |                                     |
|          | 10             | R  | H  |              |          |              |               | H            |              |                                     |
|          | 11             | R  |  |              |          |              |               |              |              |                                     |
|          | 12             | R  | <del>                                     </del> |              |          | -            | -             |              |              |                                     |
| $\vdash$ | 12             | R  | ├-   |              | -        |              | Н             |              | H            | -                                   |
| $\vdash$ | 14             | R  | -  | -            | H        |              | -             | <del>-</del> |              |                                     |
| <u> </u> | 13<br>14<br>15 | R  | $\vdash$   | -            | _        |              | -             | <u> </u>     |              |                                     |
| <b>-</b> | 16             | R  | $\vdash$   |              | $\vdash$ | -            | $\vdash$      | $\vdash$     |              |                                     |
|          | 16<br>17       | R  | $\vdash$   | Н            | $\vdash$ |              | $\vdash$      | $\vdash$     |              | H                                   |
|          | 18             | R  | -  | -            |          |              | $\vdash$      |              |              |                                     |
| <b></b>  | 19             | R  | -  | -            |          |              |               | H            | Н            |                                     |
|          | 20             | R  |  | $\vdash$     |          | $\vdash$     | -             | -            | $\vdash$     |                                     |
|          | 21             | <u> </u>   | _  | $\vdash$     | _        |              | $\vdash$      | -            | 1            |                                     |
|          | 22             | -  |  | _            |          | -            |               | ┢            |              |                                     |
|          | 22             |  |  |              | _        |              |               | $\vdash$     | Т            |                                     |
|          | 24             | $\vdash$   |  | $\vdash$     |          |              |               |              |              |                                     |
|          | 24<br>25       |  |  | П            |          |              |               |              | ┈            |                                     |
| <u> </u> | 26             | Г  |  |              | _        |              | _             | Г            |              |                                     |
|          | 27             |  |  |              |          |              |               |              |              |                                     |
|          | 28             |  |  |              |          |              | Г             |              |              |                                     |
|          | 29             | Г  |  |              |          |              |               |              |              |                                     |
|          | 30             |  |  |              |          |              |               |              |              |                                     |
|          | 31             |  |  |              |          |              |               |              |              |                                     |
|          | 32             |  |  |              |          |              |               |              |              |                                     |
|          | 33             |  |  |              |          |              |               |              |              |                                     |
|          | 34             | 匚  |  |              |          |              |               |              |              |                                     |
|          | 35             |  |  | $oxed{oxed}$ |          |              |               | <u> </u>     | L            | L_                                  |
|          | 36             | _  |  | <u> </u>     |          | $oxed{oxed}$ | _             | L            | <u> </u>     | L.                                  |
|          | 37             | <u> </u>   | L_   | <u> </u>     | L        | Щ            | <u> </u>      | <u> </u>     | <u> </u>     | Ш                                   |
|          | 38             |  |  |              |          |              | <u> </u>      |              | _            | Щ                                   |
|          | 39             | _  | <u> </u>   |              |          |              | <u> </u>      |              | _            | _                                   |
| <u> </u> | 40             | L  |  | <u> </u>     | _        |              | <u> </u>      |              |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
|          | 41             | <u> </u>   | <u> </u>   | _            | ļ        | _            |               | ļ            | <u> </u>     |                                     |
| <u> </u> | 42             | ļ  | <u> </u>   | L-1          | ļ        | L.           | ļ             | <b> </b>     | <u> </u>     |                                     |
|          | 43             | <u> </u>   | $\vdash$   | H            |          | $\vdash$     | <b>—</b>      | <u> </u>     | <u> </u>     |                                     |
| <u> </u> | 44             | -  | $\vdash$   | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>      | ├            | <del> </del> | <u> </u>                            |
| <b> </b> | 45             | ├—   | ├  | <u> </u>     | <u> </u> | <u> </u>     | <del> </del>  | ├—           | ├—           | $\vdash$                            |
| <u> </u> | 46             | <del> </del>                                     | ⊢  | ├            | <u> </u> | ├            | ├             | <b> </b>     | <u> </u>     | ⊢                                   |
| <u> </u> | 47             | -  | <u> </u>   | -            | -        | <u> </u>     | <u> </u>      | <u> </u>     | ├            |                                     |
|          | 48             |  | -  | <u> </u>     | ├-       | ├            | $\vdash$      | ├-           | <del> </del> | ⊢                                   |
| <u> </u> | 49<br>50       | ├-   | -  | $\vdash$     | ├        | <u> </u>     | ⊢             | -            | -            | ⊢                                   |
| 1        | ווכו           | 1  |  |              |          |              |               |              |              |                                     |

| Cla   | im       |          |              |              | -          | Date         | е            |                |                |                                     |   | Cla      | im       | _  |          |   | 1            | Date         |              |              |          | $\neg$             |
|-------|----------|----------|--------------|--------------|------------|--------------|--------------|----------------|----------------|-------------------------------------|---|----------|----------|--|----------|---|--------------|--------------|--------------|--------------|----------|--------------------|
|       |          |          | _            | ·            | 一          |              | Г            |                |                |                                     |   |          |          | $\Box$   |          |   | Ţ,           |              |              |              |          | $\neg$             |
| Final | Original | 6/18/06  |              |              |            |              |              |                |                |                                     |   | Final    | Original |  |          |   |              |              |              |              |          |                    |
|       | 1        | R        |              |              |            |              |              |                |                |                                     |   |          | 51       |  |          |   |              |              |              |              |          |                    |
|       | 2        | R        |              |              |            |              |              |                |                |                                     |   |          | 52       |  |          |   |              |              |              |              |          |                    |
|       | 3        | R        |              |              |            |              |              |                |                |                                     |   |          | 53       |  |          |   |              |              |              |              |          |                    |
|       | 4        | R        |              |              |            |              |              |                |                |                                     |   |          | 54       |  |          |   |              |              |              |              |          |                    |
|       | 5        | R        |              |              |            |              |              |                |                |                                     |   |          | 55       |  |          |   |              |              |              |              |          |                    |
|       | 6        |          |              |              |            |              |              |                |                |                                     |   |          | 56       |  |          |   |              | L            |              |              |          |                    |
|       | 7        | R        |              |              |            |              |              |                |                |                                     |   |          | 57       |  |          |   |              |              |              |              |          |                    |
|       | 8        | R        |              |              |            |              |              |                |                | L                                   |   |          | 58       |  |          |   |              |              |              | <u> </u>     |          |                    |
|       | 9        | R        |              |              |            |              |              |                |                |                                     |   |          | 59       |  |          |   |              |              | _            |              |          |                    |
|       | 10       | R        | _            | _            | _          | _            | _            | _              |                | <u> </u>                            |   |          | 60       |  | L        |   |              |              | L            | L            |          |                    |
|       | 11       | R        | L            | _            |            | <u> </u>     | <u> </u>     |                |                |                                     |   |          | 61       |  |          |   |              |              |              |              |          |                    |
|       | 12       | R        |              | <u> </u>     |            | <u> </u>     |              |                |                | <u> </u>                            |   |          | 62       | Ш  |          |   |              | L.           |              | L            | Ш        |                    |
|       | 13       | R        |              |              | _          |              |              |                |                | oxdot                               |   |          | 63       | Ш  |          |   |              | <u> </u>     |              | _            | L        |                    |
|       | 14       | R        | _            | L_           | _          | <u> </u>     | L_           | _              | <u> </u>       | L                                   |   |          | 64       | Ш  | Ш        |   |              | <u> </u>     | <u> </u>     | <u> </u>     | Ш        |                    |
|       | 15       | R        | <u> </u>     | <u> </u>     | L          | L            | <u> </u>     | _              |                |                                     |   |          | 65       |  |          |   |              | <u> </u>     | <u> </u>     | <u> </u>     |          |                    |
|       | 16       | R        | <u> </u>     | <u> </u>     | _          | <u> </u>     | _            | <u> </u>       | <u> </u>       | <u> </u>                            |   |          | 66       | $oxed{\Box}$                                     | <u> </u> |   |              | <u> </u>     | <u> </u>     | <u> </u>     | Щ        |                    |
|       | 17       | R        | L.           | L            | _          | <u> </u>     |              |                |                |                                     |   |          | 67       |  |          |   | _            | _            | L.           |              |          | L                  |
|       | 18       | R        | _            | <u> </u>     |            |              |              |                |                |                                     |   |          | 68       |  |          |   |              | <u> </u>     |              | <u> </u>     |          |                    |
|       | 19       | R        |              |              | L          | 乚            | L            | _              | _              |                                     |   |          | 69       |  |          |   |              | _            | L            | L_           |          |                    |
|       | 20       | R        | L            | <u> </u>     | 乚          | 乚            | <u> </u>     | _              |                |                                     |   |          | 70       |  |          |   |              | <u> </u>     | <u> </u>     | L            | Щ        |                    |
|       | 21       | _        | _            | _            | _          | <u> </u>     | _            | L              | _              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   |          | 71       |  | Ш        |   |              | _            | <u> </u>     | _            |          |                    |
|       | 22       |          |              | <u> </u>     | _          | L            | L            |                | <u> </u>       |                                     |   |          | 72       |  | L        |   |              | _            | L            | <u>_</u>     |          |                    |
|       | 23       | _        |              | _            | L          | <u> </u>     | <u> </u>     | <u> </u>       |                |                                     |   |          | 73       | L.   |          |   |              | _            | _            | _            |          |                    |
|       | 24       | _        | _            | _            | L          | <u> </u>     | L            |                | _              | <u> </u>                            |   |          | 74       |  |          |   | _            | L            | _            | <u> </u>     |          |                    |
|       | 25       | <u> </u> |              | <u> </u>     | _          | ╙            | <u> </u>     | <u> </u>       | L_             |                                     |   |          | 75       |  |          |   |              | L            | <u> </u>     | L_           |          |                    |
|       | 26       |          |              | <u> </u>     | _          | <u> </u>     | L_           |                |                |                                     |   |          | 76       |  |          |   |              | L.           | _            |              |          |                    |
|       | 27       |          | <u></u>      | <u> </u>     | _          | <u> </u>     | <u> </u>     |                | L              | <u> </u>                            |   |          | 77       | _  | Ш        |   |              |              | <u>_</u>     | <u> </u>     |          | Ш                  |
|       | 28       | 匚        | <u></u>      | _            |            | L            | _            |                |                |                                     |   |          | 78       |  | _        |   |              | <u> </u>     | <u> </u>     | L.           |          |                    |
|       | 29       | <u> </u> | ļ            | <u> </u>     | _          | <u> </u>     |              |                |                | _                                   |   |          | 79       |  | L        |   |              |              | <u> </u>     | _            |          |                    |
|       | 30       | _        |              |              | _          | <u> </u>     | _            |                | ļ.,            | _                                   |   |          | 80       |  |          |   |              | L_           | _            | _            |          |                    |
|       | 31       | <u> </u> | <u> </u>     | <u> </u>     | _          | <u> </u>     | _            | <u> </u>       | <u> </u>       | <u> </u>                            |   |          | 81       |  |          |   |              | <u> </u>     | <u> </u>     | _            | H        | $ldsymbol{\sqcup}$ |
|       | 32       | <u> </u> | ┞            | <del> </del> | <u> </u>   | <b> </b>     | <u> </u>     | <b>├</b>       | $\vdash$       | ├                                   |   |          | 82       | $\vdash$   | $\vdash$ |   |              | <u> </u>     | _            | <u> </u>     | $\vdash$ | $ldsymbol{\sqcup}$ |
|       | 33       | <u> </u> | <u> </u>     | _            | _          | ┞-           | <u> </u>     | <u> </u>       | L_             | <u> </u>                            |   |          | 83       |  | Ш        |   |              | <u> </u>     | -            |              | H        | ╙                  |
|       | 34       | _        | <u> </u>     | <u> </u>     | _          | <del> </del> | <del> </del> | $\vdash$       | <u> </u>       | ├                                   |   |          | 84       |  | $\vdash$ |   | _            | $\vdash$     | ₩            | <u> </u>     | $\vdash$ | $\vdash$           |
|       | 35       | <u> </u> | <u> </u>     | <u> </u>     | -          | <del> </del> |              | <u> </u>       | Ь—             | ├                                   |   |          | 85       | $\vdash$   | $\vdash$ |   | _            | <u> </u>     | $\vdash$     | -            | H        |                    |
|       | 36       | <u> </u> | ├-           | <u> </u>     | -          | ⊢            | $\vdash$     |                | <b> </b>       | ├-                                  |   |          | 86       | $\vdash$   | $\vdash$ |   |              | <u> </u>     | -            | <u> </u>     | $\vdash$ |                    |
|       | 37       | <u> </u> |              | <u> </u>     | -          | ├            | ├            | ├              | <u> </u>       | ├-                                  |   |          | 87       | -  | $\vdash$ |   |              | ├-           | <u> </u>     |              | -        | Ш                  |
| _     | 38       | -        | -            | -            | ــــ       | -            | -            | <del>  -</del> | <u> </u>       | $\vdash$                            |   | <u> </u> | 88       | $\vdash$   |          |   | <u> </u>     | <del> </del> | ⊢-           | ├-           | $\vdash$ |                    |
|       | 39<br>40 | -        |              | <del> </del> | ├          |              | ├-           | ├-             | <del>  -</del> | <del> </del>                        |   |          | 89       | -  | H        |   | <u> </u>     | ⊢            | ├-           | ⊢            | $\vdash$ | -                  |
|       |          | -        | ├            | $\vdash$     | -          |              | -            |                | -              | ⊢                                   |   |          | 90       | <b>-</b> -                                       | -        |   | -            | ⊢            | $\vdash$     | <del> </del> | -        | H                  |
|       | 41       | ├—       | <del> </del> | -            | -          | -            |              | -              | $\vdash$       | $\vdash$                            |   | _        | 91       | $\vdash$   | $\vdash$ | _ | $\vdash$     | -            | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$           |
|       | 42       |          | ├            | -            | }          | -            | <del> </del> | -              | $\vdash$       | $\vdash$                            |   | <u> </u> | 92       |  | $\vdash$ |   | $\vdash$     | -            | $\vdash$     | -            | $\vdash$ | H                  |
|       | 43       | $\vdash$ | $\vdash$     | $\vdash$     | -          | $\vdash$     | ⊢            | -              | -              | -                                   |   |          | 93       | -  | ├        | - | $\vdash$     | -            | -            | -            | $\vdash$ | $\vdash$           |
|       | 44<br>45 | -        | $\vdash$     | $\vdash$     | <b>├</b> - | $\vdash$     | ├            | ├-             | <del> </del> — | $\vdash$                            | 1 | <u> </u> | 94       | -  | $\vdash$ | _ | $\vdash$     | $\vdash$     | <del> </del> | <del> </del> | $\vdash$ | <u> </u>           |
|       |          | ├—       | ⊢            | <u> </u>     | ₩          | -            | ├—           | ├              | ├              | $\vdash$                            | 1 |          | 95       | <del>  -</del>                                   | ├—       | - | $\vdash$     | $\vdash$     | -            | <del> </del> |          | $\vdash$           |
| _     | 46       |          | ⊢            | ├-           | ⊢          | -            | ⊢            | <del> </del>   | ├-             | ⊢                                   | { |          | 96       | <del>                                     </del> |          |   | -            | <u> </u>     | ├-           | ⊢            | -        | ├-                 |
|       | 47       | $\vdash$ | -            | ⊢            | $\vdash$   | ⊢            | $\vdash$     | <u> </u>       | -              |                                     |   | <u> </u> | 97       | $\vdash$   | $\vdash$ | _ | <del> </del> | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | -                  |
|       | 48       | -        | $\vdash$     | -            | +-         | ⊢            | -            | $\vdash$       | $\vdash$       | $\vdash$                            |   |          | 98       | -  | -        |   | -            | -            | ┼            | ⊢            | -        | -                  |
|       | 49       | -        | -            | <del> </del> | $\vdash$   | ⊢            | ⊢            | -              | -              | ⊢                                   | 1 | <u> </u> | 99       |  | $\vdash$ | - | -            | ⊢            | ⊢            | $\vdash$     | $\vdash$ | -                  |
|       | 50       | <u> </u> |              | <u> </u>     | L          | <u> </u>     | L_           |                | <u></u>        |                                     | J | Щ        | 100      |  | Ц_       |   | L            | L            | Ц            | <u>L</u>     |          | L                  |

| Cla   | aim               |              |          |          |             | Date   | 9            |          |          |                |
|-------|-------------------|--------------|----------|----------|-------------|--|--------------|----------|----------|----------------|
| Final | Original          |              |          |          |             |  |              |          |          |                |
|       | 101<br>102        |              |          |          |             |  |              |          |          |                |
|       | 102               |              |          |          |             |  |              |          |          |                |
|       | 103               |              |          |          |             |  |              |          |          |                |
|       | 104               |              |          |          |             |  |              |          |          |                |
|       | 104<br>105        |              |          |          |             |  |              |          |          |                |
|       | 106               |              |          |          |             |  |              |          |          |                |
|       | 107               |              |          |          |             |  |              |          |          |                |
|       | 108               |              |          |          |             |  |              |          |          |                |
|       | 109               |              |          |          |             |  |              |          |          |                |
|       | 110               |              |          |          |             |  |              |          |          |                |
|       | 111               |              |          |          |             |  |              |          |          |                |
|       | 112<br>113        |              |          |          |             |  |              |          |          |                |
|       | 113               |              |          |          |             |  |              |          |          |                |
|       | 114<br>115<br>116 |              |          |          |             |  |              |          |          |                |
|       | 115               |              |          |          |             | $oxed{\Box}$                                     |              |          |          | $\Box$         |
|       | 116               |              |          |          |             |  |              |          |          |                |
|       | 117<br>118        |              |          |          |             |  |              |          |          |                |
|       | 118               |              |          |          |             |  |              |          |          |                |
|       | 119               |              |          |          |             |  |              |          |          |                |
|       | 120<br>121<br>122 |              |          |          |             |  |              |          |          |                |
|       | 121               |              |          |          |             |  |              |          |          | Щ              |
|       | 122               |              |          |          |             |  |              |          |          | Щ              |
|       | 123<br>124<br>125 |              |          |          |             |  |              |          |          |                |
|       | 124               |              |          |          |             | <u> </u>   |              |          |          |                |
|       | 125               |              |          |          |             |  | <u> </u>     |          |          | Щ              |
|       | 126<br>127        |              |          |          | _           | _  | <u> </u>     |          |          |                |
|       | 127               |              |          |          |             |  | <u> </u>     |          | Ш        | Щ              |
|       | 128               |              |          |          |             |  | ⊢            | _        | _        | $\dashv$       |
|       | 128<br>129<br>130 | _            |          |          |             | <u> </u>   | <u> </u>     |          | -        |                |
|       | 130               | _            |          |          |             |  | <u> </u>     | H        |          | Н              |
|       | 131               |              | _        |          | _           | <u> </u>   | <del> </del> | -        | _        | Н              |
|       | 132               | -            |          |          |             | -  |              | H        |          |                |
|       | 133               | $\vdash$     | $\vdash$ |          | $\vdash$    | <u> </u>   | ⊢-           | $\vdash$ | H        | Н              |
|       | 134<br>135        | $\vdash$     | $\vdash$ |          |             | -  | $\vdash$     | -        | -        | $\vdash$       |
|       | 136               | -            | $\vdash$ |          |             | -  | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$       |
|       | 137               | -            | Н        | -        | -           | -  | <del> </del> | -        | $\vdash$ | Н              |
|       | 137<br>138        | <del> </del> | $\vdash$ |          | <del></del> | -  | $\vdash$     | -        | -        | $\vdash\vdash$ |
|       | 139               | $\vdash$     | H        |          | $\vdash$    |  |              |          |          | $\vdash$       |
|       | 139<br>140        |              | H        |          | l           | H  |              |          | H        | H              |
|       | 141               |              | $\vdash$ |          | $\vdash$    | <del>                                     </del> | t            |          | -        | Н              |
|       | 142               |              |          |          |             | t  | t            | $\vdash$ |          | $\Box$         |
|       | 143               | Г            | _        | _        |             |  |              |          |          | П              |
|       | 144               | T            | Г        | <u> </u> | <u> </u>    | Т  | T            | Г        | Г        | Н              |
|       | 145               |              | П        |          |             | Т  | <u> </u>     | <u> </u> |          | Н              |
|       | 146               | Г            | П        |          | Т           |  |              | Ι        | $\vdash$ | М              |
|       | 147               |              | П        |          |             | $\Box$   |              | Г        | Г        | П              |
|       | 148               | Г            |          |          |             |  |              |          |          | Н              |
|       | 149               |              |          |          | Г           | T  | Π            |          |          | П              |
|       | 150               |              |          |          |             |  |              |          |          |                |
|       |                   |              |          | _        |             |  |              |          |          |                |